

**Exhibit C.4****Essential Services**

The INL Contractor will provide the following essential services to the ICP contractor, hereafter referred to as the contractor. Table 1 identifies the cost of services and the expected funding to be transferred from EM to NE for the eight-month period beginning with the target contract takeover date of January 31, 2005. If the contract takeover date is changed, the EM funded share will change commensurately. The narrative descriptions, identifying the type and level of service to be provided for these costs, are provided below. In the event either party desires to change the service level during FY2005, the change must be negotiated and mutually agreed between the two parties. The contractors must negotiate continued service levels and fund transfers or payment practices for any services received by the contractor beyond FY2005.

The services described below are explicit and there should be no assumption that services will be provided beyond what is stated.

**Table 1**  
**Funding for Essential Services**

<b>Description</b>	<b>EM Funded share for FY2005</b>
<b>Emergency Management</b>	<b>1,420.0</b>
<b>INL Occupational Medical Program</b>	<b>1,406.0</b>
<b>Information Technology Infrastructure</b>	<b>2,257.0</b>
<b>On Site Monitoring Activities</b>	<b>127.0</b>
<b>Landfill</b>	<b>607.0</b>
<b>Alarm Systems</b>	<b>960.0</b>
<b>Power Management</b>	<b>2,225.0</b>
<b>Fire Department Operations</b>	<b>3,377.0</b>
<b>Total</b>	<b>\$12,379.0</b>

The INL Contractor will provide the following services:

**EMERGENCY MANAGEMENT**

The INL contractor will develop, implement, and maintain Memoranda Of Understanding (MOUs) with off-site response entities, will coordinate meetings and training, and resolve issues with these entities.

The INL contractor will prepare the site Emergency Readiness Assurance Plan with input provided by the contractor.

The INL contractor will maintain emergency equipment located in Emergency Control Centers (ECCs) and Command Posts within EM-owned facilities. This equipment includes: radios, white boards, pagers, video and recording equipment, telephones, fax and copy machines, computer networks, and emergency service vehicles.

The contractor shall ensure that adequate transportation is available for employee safety, in the event of an emergency evacuation of EM-controlled facilities. Buses that historically have been staged or deployed for emergency evacuations will not be available.

The INL contractor will maintain the emergency management maps, with input from the contractor.

The INL contractor will maintain a single point of contact (Warning Communication Center (WCC) at 208-526-1515) for emergency notification and will maintain the contractor's emergency notification list in the WCC.

The INL contractor will manage the Emergency Operations Center (EOC) for all emergencies at EM-owned facilities. The contractor shall provide representation to the EOC, when activated in support of an emergency related to the EM contractor.

The INL contractor will disseminate public protection information, received or developed in the EOC, to off-site entities. For EM emergencies, the contractor shall review this information for applicable classification or other disclosure restrictions prior to release.

The INL contractor will:

- Design, develop, implement, and evaluate Emergency Response Organization (ERO) Initial and Requalification training.
- Update the INL Emergency Plans for EM-owned facilities including INTEC, TAN, RWMC, Fort St. Vrain Independent Spent Fuel Storage Installation, and the TMI-2 Independent Spent Fuel Storage Installation, based on input from the contractor.
- Design, develop, implement, and evaluate an emergency management drill and exercise program. Program services include: drill preparation, conduct, evaluation, reporting, and file maintenance.
- Allow contractor personnel access to the Central Facilities Area during emergencies, drills, or exercises.
- Notify the contractor at least one week in advance of planned drills or exercises that impact or may impact EM-owned facilities.
- Conduct at least one site-wide drill annually. The contractor shall participate in the annual site-wide drill.

- Prepare or update hazard assessment documents for all EM-owned facilities, based on input from the contractor.

The contractor shall provide the appropriate information, data (certified if necessary), or resources to allow the INL contractor to maintain up to date emergency management plans and implementing procedures associated with EM-controlled facilities as required by DOE Directives.

### **Occupational Medical Program**

The OMP provides occupational medical services to assist management in monitoring and protecting their employees from health hazards. The program also provides for on-site response to medical emergencies and treatment of on-the-job injuries and illnesses and provides medical evaluation concerning ability to work. The following activities and services are provided within this scope of work in accordance with DOE Order 440.1A and federal regulations:

- Diagnose and treat employees who experience illnesses or injuries while on the job.
- Assist management in the protection of employee health through worksite visits and interaction with safety and health professionals.
- Assist management with employee placement in conformance with the Americans with Disability Act.
- Provide medical opinion to management and employees regarding the ability to perform assigned work.
- Perform medical surveillance for employees exposed to hazardous chemical and physical agents (above action levels or as required by law) or substances such as radiation.
- Provide medical certifications for jobs requiring certifications.
- Respond to medical emergencies, 24 hours/day, seven days/week.
- Provide required health services, such as monitoring individual employee health, mental health counseling, and employee assistance program.
- Maintain required medical records and establish a demographic/medical database.
- Provide medical/technical review of projects by collecting and analyzing group health data as requested by the contractor.
- Provide medical advice, when requested by the contractor, related to workman's compensation cases and employee return-to-work recommendations.

- Provide termination physical examinations as required by DOE directives or federal regulations.

## **Information Technology Infrastructure**

### **Telephone Service:**

INL will provide basic telephone infrastructure service including, maintenance during normal work hours, up to the wall jack, and dial tone. Minor moves, disconnects, and new connects are covered in existing facilities. Life Safety Alarm circuits in existence at the time of turnover will continue to be provided and maintained. All repairs to telecom systems are included as well as voice mail and telephone directory service and long distance charges. Handsets will be turned over to the contractor and will be repaired as needed.

### **Network Access:**

INL will provide and maintain basic data service to the existing data jacks within the protected network based on the number and location of connections in service at the time of turnover. Costs associated with minor moves and relocations within existing EM facilities are covered.

The contractor shall comply with the INL Cyber security requirements. The INL Contractor will provide firewall operation, Intrusion Detection, antivirus management and all associated engineering. The basic level of service is ten (10) MBIT for data services. All contractor equipment connected to the protected Intranet shall meet INL computer architecture requirements to ensure continued network integrity.

### **Computer Operations:**

The INL Contractor will provide logical DMZ space. The contractor shall follow Cyber Security rules and process for systems residing in the DMZ. The contractor shall provide their own network servers or negotiate for services with the INL Contractor. The contractor shall provide their own business management, e-mail, and work control systems.

### **Wireless Services:**

The INL Contractor will service all mountain top equipment. This will include associated power and engineering costs, frequency and external interface costs. The contractor shall pay separately for new hand-held radios, repairs, reprogramming and replacement. INL Contractor will provide paging services for the existing number of pagers at the time of transfer.

CIO/CTO – The INL Contractor and NE-ID will provide site-wide strategic and tactical planning, including frequency management. The contractor shall provide their own IT help desk services.

## **On Site Monitoring Activities**

These costs are material cost in support of the direct-funded activities for ground water monitoring conducted under the INEEL Site-wide Ground-Water Monitoring Plan, which reside with the U.S. Geological Survey (USGS) and NOAA who operates and maintains a network of 33 meteorological stations on and around the INEEL.

## **Landfill and Waste Disposal**

The INL Contractor will provide landfill and waste disposal services for municipal, construction, and non-contaminated demolition wastes (including asbestos and petroleum contaminated material). Dumpsters are located throughout the site and are emptied on a weekly basis. More frequent service or additional waste receptacles may be available upon request for an additional fee. Hours of operation for the landfill and waste disposal service are Monday through Thursday from 7:30 AM – 4:00 PM.

Volumes are tracked by amount and waste type. The contractor will be allowed to dispose of 23,554 cubic yards of waste for the price listed in Table 1. Additional needs and cost may be negotiated with the INL Contractor.

Note: No hazardous or radioactive waste may be disposed of in the landfill. In the event waste is disposed of that does not meet the waste types allowed, it will be removed and all associated removal costs will be the responsibility of the contractor that disposed of the waste.

## **Power Management**

The INL Contractor will provide electrical transmission and distribution systems, buildings, structures, and services, including such things as maintenance, repairs, weed control, upgrades, and power distribution and control, up to the load side of the individual site area substations, as specified in this section.

The contractor shall provide electrical transmission and distribution services, including such things as maintenance, repairs, upgrades, and power distribution and control as specified below:

- INTEC – The contractor is responsible for all substation and distribution equipment to the load side of the substation feeder breakers B53, B56, B58, B59, B514, and B515 substation transformers 8T2-1 and 8T2-2 located at buildings B21-620 Substation yard STR716.
- TAN – The contractor is responsible for all substation and distribution equipment to the secondary side of the distribution transformers, substation transformers 8T5-1 and 8T5-2 located at building 605, substation yard STR708. For the remainder of the electrical distribution system supporting all other areas in the vicinity of the TAN complex, the contractor is responsible for the EM owned facilities and structures and the electrical feed from the transformer to those facilities and structures.

- RWMC – The contractor is responsible for all lines and distribution equipment to the secondary side of the distribution transformers within the RWMC boundaries. INL is responsible for the 138 KV radial line up to the AMWTP substation and the 12.5 KV line (Circuit 42) up to the RWMC boundary.
- PBF – The contractor is responsible for the load side of circuit 54/57, breaker B54/57. For all other areas within the SPERT complex with ownership of buildings and structures by EM and NE, the contractor is responsible for the EM owned facilities and the electrical feed from the transformer to those facilities. The EM and INL contractors shall coordinate activities in these common areas to avoid any work interruptions.

The contractor shall pay for power consumption and demand charges at rates specified by and negotiated with the INL Contractor.

### **INL Fire Department**

The contractor is responsible for all emergencies within their facilities and boundaries as described elsewhere, regardless of the services provided by the INL Fire Department discussed in this section.

The INL Fire Department will provide the contractor a full range of emergency mitigative services that include fire, emergency medical, rescue, and hazardous material response 24 hours per day, 365 days per year. The INL Fire Department maintains critical minimum staffing providing four engine companies located at Central Facilities Area (CFA), Test Area North (TAN), and Argonne National Laboratory-West (ANL-W) fire stations. Each engine company has five personnel who are qualified to National Fire Protection Association (NFPA) standards for firefighting (structural and wild land) and rescue, State of Idaho Emergency Medical Technician (EMT) certifications, Advanced Emergency Medical Technician certification, Radiation Worker II qualifications, and State of Idaho Hazardous Materials Technician certification.

The INL Fire Department will provide emergency response services. The contractor shall provide post-emergency cleanup within EM-owned facilities. During emergency responses, the INL Fire Department will be the On-Scene Incident Command in charge of the scene.

- The INL Fire Department, in cooperation with the contractor, will develop and maintain (to include periodic walk-downs) pre-incident plans for EM-owned facilities.
- The INL Fire Department will support drills and exercises conducted at EM-owned facilities.
- INL will provide all Proprietary Supervising Station monitoring services as required by NFPA 72 for all EM-owned facility fire alarm systems. INL will monitor the Emergency 777 phone line and provide emergency dispatching services and support for inspection, testing, and maintenance for EM-owned emergency notification and fire alarm systems.

**Life Safety Systems**

The INL Life Safety Systems (LSS) organization will test, inspect, repair, and maintain configuration control of fire alarm systems for all EM-owned facilities. LSS will provide spare parts for currently installed fire alarm systems.

The INL Life Safety Systems organization will inspect, test, and maintain water-based suppression systems inside EM-owned buildings.

**Site Access Training**

INL site-access training will cover all topics necessary to allow unescorted access to the INL for contractor employees. This training will meet the requirements of DOE O 5480.20A, *Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities*, for General Employee Training, and the requirements for occupational safety and health in accordance with 29 CFR 1910. The contractor shall provide facility-specific access training.